

Serial No. 10/646,708  
Amendment Dated: November 23, 2005  
Reply to Office Action Mailed: August 25, 2005  
Attorney Docket No.011235.52686US

**Amendments to the Drawings:**

Attachment: Replacement Sheet complying with Examiner requirements for numbering.

### REMARKS

Reconsideration and allowance of this application are respectfully requested in view of the above amendment and the discussion below.

Claims 1-5, 7, 9-15 have been rejected under 35 USC 102 as anticipated by Ames (US 6,774,354) while Claims 6, 8, 16-20 are rejected under 35 USC 103 as unpatentable over Ames. Applicants traverse these rejections in light of the features of amended independent claims 1 and 12 which are not available from the prior art.

The present invention provides measurement of tension, vibration, temperature variations on the inside of a workpiece so that , as claimed, the optical fiber is integrated into the surface, or bonded to the surface of the workpiece. This feature is not shown by Ames. Additionally the claims now recite the integration of the fibers into recesses in the surface of the workpiece. Neither Ames nor the references cited in the IDS's of August 25, 2003 or March 19, 2004 have these claimed features.

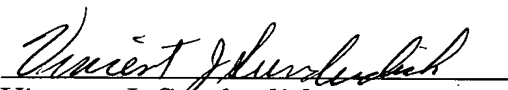
If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

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If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #011235.52686US).

Respectfully submitted,

November 23, 2005

  
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